

# Habitat Project Proposal

**Proposal Title:** Book Cliffs Divide Water Development

**Proposal Number:** 1151

**DWR Region:** Northeastern Region

**Lead Agency:** DWR

**County:** Grand

**Project Manager:** Dax Mangus

**PM Phone:** 4357816705

**Regional Priority:** High

**Project Type:** Terrestrial Habitat

**Proposed Start Date:** 07/01/2008

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**Project Location:** Three miles Northeast of the Moon Ridge turn-off on the Book Cliffs Divide Road

**Project Description:** Restore and improve 2 developed springs to improve foraging distribution for wildlife and livestock.

**Description of Problem/Need:** In 2007 the Utah Wildlife Board approved the Book Cliffs Bison Plan. This plan call for transplanting bison into the Book Cliffs to help establish a free ranging wild bison herd. The population objective for this bison herd is 450 animals. Availability of water plays a key role in influencing the distribution of grazing animals. Having multiple sources of water available will help manage bison herd distribution to minimize potential for habitat over-utilization and conflicts with domestic livestock and other wildlife.

**Objectives:** This project will provide 2 additional year-round water sources to wildlife in the Book Cliffs to more evening distribute foraging impacts from newly introduced bison. The restoration of these springs will also be seen as "good faith" follow-through by the DWR in response to isses/concerns raised by the BLM, SITLA, and the current livestock permittee regarding the Book Cliffs Bison Plan.

**Relevance to Strategic Plans:** The Book Cliffs Bison plan calls for the DWR to "Develop water sources in areas that will improve herd distribution". The proposed project is also relevant to the Book Cliffs Conservation Initiative which called for range improvements and the establishment of a Bison Herd.

**Potential Risks:** None

**Proposed Methods:** We will provide these additional sources of year-round water by repairing two dilapidated springs. Rock Springs and Cherry Springs were developed (water captured and piped into a trough) in the past, but are both in disrepair and no longer provide a year-round water source. We will repair these two springs to provide clean drinking water for wildlife by restoring or creating a new protected catch basin, piping the collected water to a trough, and fencing the apparatus to prevent damage by wildlife or livestock. We will also remove old fencing and other materials that are no longer in use.

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**Shapefile Name:** 1151\_spring\_development.shp

**Seed Source:**

**UPCD Reg Team Coord Date:**

**Proposed  
NEPA Action:**

**Proposed  
Arch Action:**

☐ **Vegetation Monitoring**    ☒ **Wildlife Monitoring**

**Monitoring Details:** Bison locations in the vicinity of these water developments will be monitored via radio collars and visual observations. These location data may be analyzed with regard to available water sources.

**Cons. Outreach  
Details:**

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## SPECIES BENEFITING

American Bison

Elk

Mule Deer

## LAND OWNERSHIP

Owner	Acres
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BLM

SITLA

# Habitat Project Proposal

**Total**

## PROPOSED FUNDING

Source	Amount Requested	Date Approved	Amount Approved
Habitat Acct 174	\$8,800.00		\$0.00
Private	\$1,500.00		\$0.00
<b>Totals</b>	<b>\$10,300.00</b>		<b>\$0.00</b>

## PROPOSED BUDGET

Item	Description	DWR Account	In Kind/ Partner Contrib.
Personal Services	4 people for 6, 10 hour days, at \$20 hr	\$4,800.00	\$0.00
Equipment Rental	Back Hoe Work, donated by Permttee	\$0.00	\$1,500.00
Materials and Supplies	2 each 12' x 30" powder river troughs	\$800.00	\$0.00
Motor Pool	200 mile trip, 2 trucks, 2 times at \$0.65/mile	\$550.00	\$0.00
Materials and Supplies	fencing materials, posts and wire	\$1,400.00	\$0.00
Materials and Supplies	headgate materials and pipe	\$400.00	\$0.00
Personal Services	per diem, 4 people for 6 days	\$850.00	\$0.00
	<b>Totals</b>	<b>\$8,800.00</b>	<b>\$1,500.00</b>

## PROPOSED FUNDING ALLOCATION

Funding Type	Funding Percent
Big Game	100
<b>Total</b>	<b>100.00%</b>

## Project Map:

Book Cliffs Divide Water Development  
Proposal #1151

